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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/659,261	09/11/2000	Nimrod Megiddo	ARC9-2000-0081-US1	5596
33360	7590	01/25/2005		
MARK D. MCSWAIN IBM ALMADEN RESEARCH CENTER, IP LAW DEPT. 650 HARRY ROAD CHTA/J2B SAN JOSE, CA 95120			EXAMINER PARDO, THUY N	
			ART UNIT 2165	PAPER NUMBER
DATE MAILED: 01/25/2005				

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/659,261	MEGIDDO ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Thuy Pardo	2165	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

**A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.**

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 09 August 2004 and 25 August 2004.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,8 and 14 is/are rejected.
- 7) ☒ Claim(s) 2-7,9-13 and 15-20 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
       Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
       Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)             | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)    | Paper No(s)/Mail Date. _____  |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____   | 6) <input type="checkbox"/> Other: _____                                    |

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### DETAILED ACTION

1. Applicant's Amendment filed on August 25, 2004 and Oath or Declaration filed on August 25, 2004 in response to Examiner's Office Action has been reviewed. Claims 21-26 have been canceled.

2. Claims 1-20 are presented for examination.

#### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1, 8, and 14 are rejected under 35 U.S.C. § 103 as being unpatentable over **Wilz, Sr. et al.** (Hereinafter "Wilz") US Patent No. 6,827,273, in view of **Mills** US Patent No. 6,466,940.

As to claim 1, Wilz teaches a method of providing links to remotely located information in a network of remotely connected computers [see the abstract and fig. 3], said method comprising the steps of

a) associating a shorthand link to each of a plurality of uniform resource locators (URLs) [bar-code symbols encoded with URLs, col. 2, lines 64 to col. 3, lines 6];

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- b) logging associated shorthand links in a registry database [fig. 11-11A];
- d) for each found said shorthand link, fetching said associated URL [col. 6, lines 40-48; A of fig. 14; A-C of fig. 16; col. 10, lines 45 to col. 11, lines 37].

However, Wilz does not explicitly teach searching said registry database for a shorthand link associated with an URL responsive to selection of said shorthand link. Mills teaches searching said registry database for a shorthand link associated with an URL responsive to selection of said shorthand link [ab; col. 9, lines 40 to col. 10, lines 33].

Therefore, it would have been obvious to one of ordinary skill in the Data Processing art at the time of the invention to have modified Wilz's system wherein the internal links of a Web site are collected and recorded in a links-to-visit table provided thereof would have incorporated the teachings of Mills especially the methodology of searching a database for a shorthand link (or web pages) associated with an URL; the motivation being to expand and enhance the versatility of Wilz's system by allowing a user to search one or more of the addresses of the document retrieved from the search engines.

As to claim 8, all limitations of this claim have been addressed in the analysis above, and this claim is rejected on that basis.

As to claim 14, Wilz and Mills teach the invention substantially as claimed, with the exception of computer readable program code means. However, since the method is processed in the computer system, the feature of having a computer readable program code means is inherently in the system in order to perform such functions and convert information from one form to another.

*Allowable Subject Matter*

3. Claims 2-7, 9-13, and 15-20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

As to claims 2, 9, and 15, the feature that the step of associating shorthand links comprises the steps of requesting registration of a URL, selecting an unused key; and pairing said selected key with said URL as a shorthand link, taken together with other limitations of claims 1, 8, or 14 were not disclosed by the prior art of record.

Claims 3-7, 10-13, and 16-20 being further limiting to claims 2, 9, and 15 are also objected to.

Applicant's arguments with respect to claims 1, 8, and 14 have been considered but are moot in view of the new ground(s) of rejection.

*Conclusion*

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after

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the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuy Pardo, whose telephone number is 571-272-4082. The examiner can normally be reached Monday through Thursday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dov Popovici, can be reached at 571-272-4083.

The fax phone number for the organization where this application or proceeding is assigned as follows:

(703) 872-9306 (Official Communication)

and/or:

***571-273-4082 (Use this Fax#, only after approval by Examiner, for "INFORMAL" or "Draft" communication. Examiner may request that a formal/amendment be faxed directly to then on occasions).***

Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

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**5. Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, D.C. 20231

**or faxed to:**

(703) 308-9051, (for formal communications intended for entry)

**Or:**


(703) 308-5359, (for informal or draft communications, please label

"PROPOSED" or "DRAFT")

Hand-delivered responses should be brought to Crystal Park II, 2121

Crystal Drive, Arlington, VA., Sixth Floor (Receptionist).

January 19, 2005



**THUY N. PARDO**  
**PRIMARY EXAMINER**